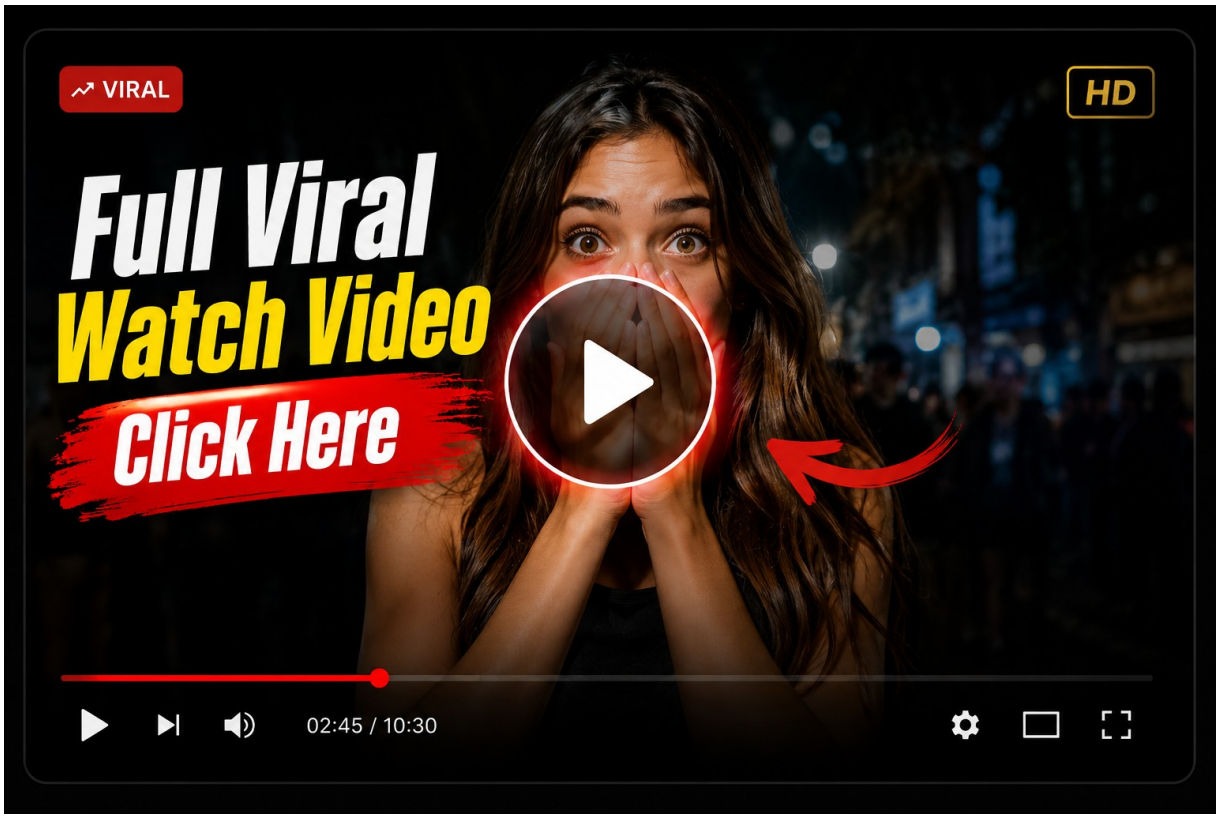192. msbrwer